Z77 Pro4-M

Intel® Z77 Chipset

ASRock
www.asrock.com

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XFast RAM
Fully Optimize Memory Usage
XFast LAN
Faster Internet Access
XFast USB
Boosts up your USB speed
Photoshop
Faster
5X
5X Faster for Photoshop Execution
XFast RAM will create a virtual disk from the system memory to boost the performance for Photoshop. It can even perform 5X faster than before.
Lower Latency In Game
Faster
5X
XFast LAN can lower latency in the game after setting online game priority higher.
Time latency in World of Warcraft: Cataclysm
*Lower is better
ASRock Motherboard with XFast LAN
Other Motherboard without XFast LAN
USB Performance Comparison
Faster
5X
FNet
Power by FNet
ATTO Disk Benchmark 4K Read
ASRock Motherboard with XFast USB
Other Motherboard without XFast USB

- The performance boost percentage may vary with a different configuration.

Virtu Universal MVP - Uncompromised Game Response Performance

1. HyperFormance™ :

A new technology which combines integrated and discrete graphics for uncompromised performance and improves gaming frame rates 30-70%.

It's also supported with both ATI and NVIDIA graphics cards.

3. Switchable Graphics :

Dynamically assigns tasks to the best graphics resource regardless of physical cable connections.

2. Virtual Vsync :

A technology designed to solve the ever lasting debate between quality and performance. Bring GPU performance from 60 FPS Vsync limit back to its maximum while keeping Vsync image quality and no tearing.

Intel Smart Connect Technology

Intel Smart Connect Technology keeps content continuously updated while the PC is asleep! It will periodically wake up the PC while in a sleep state and check updates for things like email, Twitter, Facebook, etc.

Intel Rapid Start Technology

Quickly return to where you left off with a PC that goes from deep-sleep to full awake in a flash.

Digi Power

By adopting digital Pulse-width modulation (PWM), the Z77 motherboard can provide CPU Vcore voltage more efficiently and smoothly.

4 x DDR3 2800+(OC)

ASRock 7-Series motherboards unlock maximum memory performance, coming with 4 DIMM slots for dual-channel memory, supporting up to DDR3 2800+(OC) MHz!

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Next-Gen PCIe 3.0

- Higher bit rate - 8.0GT/s
- Higher bandwidth per lane - 1GB/s
- Higher efficiency - 98.5% encoding efficiency
- 100% backward compatible with previous PCI-E 2.0 / 1.0 standard

Note: Supported with 3rd Gen Intel Core Processor

ASRock OMG
(Online Management Guard)

Fast, Easy and Free – ASRock OMG technology allows you to establish an internet curfew or restrict internet access at specified times. Administrators are able to schedule the starting and ending hours of internet access granted to other users.

Internet Flash

Internet Flash searches for available U FI firmware updates from ASRock servers. System can auto-detect the latest UEFI from our servers and flash them within U FI setup without entering Windows OS.

Intel HD Graphics

Intel HD Graphics, simplifies your designs by eliminating additional discrete graphics hardware, while integrating stunning visuals and performance for immersive gaming.

THX TruStudio

Delivering the fullest audio experience for games, music and movies.

UEFI System Browser

U FI system browser is a useful tool included in graphical U FI. It can detect the devices and configurations that users are currently using in their PC.

On/Off Play

n oy great audio experience from the portable audio devices via PC speaker even when the system is powered off.

Cyberlink MediaEspresso 6.5 Trial

The fastest video media conversation software

MAGIX Multimedia Suite

The ultimate solutions to enhance your media experience. From music management, music creation, video editing to photo management. Simply do more with your media than you ever thought possible.